Risk Assessment - Production Applications   Bureau/Division_____

Application Name_____   Person(s) Completing_____

Factor #	Rating Factor	Weight	x	Score	=	Assigned Score	Explanatory Comments
1.	**Effect of System Failure (Criticality)**	**5**				Max. 25	
	No immediate effect			1			
	Inconvenience to Users			2			
	Loss of Goodwill			3			
	Loss of Revenue			4			
	Loss of revenue/goodwill (political implications)			5			
2.	**Financial Exposure (Annual)**	**5**				Max. 25	
	None			1			
	Small (<$100,000)			2			
	Moderate ($100,000 - $1m)			3			
	High ($1m - $10 m)			4			
	Very High (>$10m)			5			
3.	**Scope of the System (Who It Is Used By)**	**2**				Max. 10	
	Part of a Bureau/Division			1			
	Complete Bureau/Division (w or w/o external pieces)			2			
	Treasury-wide			3			
	Statewide (Multi-Departmental)			4			
	Statewide and External			5			
4.	**Age of the Application (from initial implementation)**	**1**				Max. 5	
	2 to 4 years			1			
	4 - 6 years			2			
	6 - 8 years			3			
	1 - 2 years or 8 to 10 years			4			
	Less than 1 year or Over 10 years			5			
5.	**Age of the Application (from last major enhancement)**	**1**				Max. 5	
	2 to 4 years			1			
	4 - 6 years			2			
	6 - 8 years			3			
	1 - 2 years or 8 to 10 years			4			
	Less than 1 year or Over 10 years			5			
6.	**Prior Audit Findings (By OAG, IA or External Audit)**	**2**				Max. 10	
	Recent Audit (0 - 2 years) - No Weaknesses			1			
	Recent Audit (0 - 2 years) - Minor Weaknesses			2			
	Audit - Some Weaknesses			3			
	Audit - Many Weaknesses			4			
	No Previous Audit			5			
7.	**Size of the Application (number of programs)**	**2**				Max. 10	
	Below 25			1			
	25 - 50			2			
	50 - 100			3			
	100 - 250			4			
	Above 250			5			
8.	**Changes in Environment/staff**	**2**				Max. 10	
	No changes			1			
	Moderate changes/low turnover			2			
	Significant changes/low turnover			3			
	High turnover			4			
	Significant changes and high turnover			5			
9.	**Number of locations (physical, not workstations)**	**1**				Max. 5	
	1			1			
	2			2			
	3			3			
	4			4			
	5+			5			
10.	**Online vs. Manual Processing**	**1**				Max. 5	
	Entirely manual processing			1			
	Mostly manual processing			2			
	Half manual and half automated processing			3			
	Mostly automated processing			4			
	Entirely automated processing			5			

Factor #	Rating Factor	Weight	x	Score	=	Assigned Score	Explanatory Comments
11.	**Interfaces (Input Sources)**	**1**				Max. 5	
	No interfacing systems			1			
	1 to 2 input sources			2			
	3 to 5 input soruces			3			
	6 to 10 input sources			4			
	>10 input sources			5			
12.	**Media Types (Input)**	**1**				Max. 5	
	Paper only			1			
	Combination of paper and electronic			2			
	Electronic only			3			
	Magnetic media			4			
	Multi-media			5			
13.	**Regulatory Environment (State)**	**1**				Max. 5	
	No State Regulations			1			
	Low State Regulations			2			
	Moderate State Regulations			3			
	Some State Regulations			4			
	Very High State Regulation			5			
14.	**Regulatory Environment (Federal)**	**1**				Max. 5	
	No Federal Regulations			1			
	Low Federal Regulations			2			
	Moderate Federal Regulations			3			
	Some Federal Regulations			4			
	Very High Federal Regulation			5			
15.	**Number of Users**	**1**				Max. 5	
	1 - 100			1			
	101-250			2			
	251-500			3			
	501-1000			4			
	1000+			5			
16.	**Inherent Fraud Risk (Environment)**	**3**				Max. 15	
	None			1			
	Low			2			
	Moderate			3			
	High			4			
	Fraud inherent in this environment			5			
17.	**Prior Fraud Occurrences**	**4**				Max. 20	
	None			1			
	1			2			
	2			3			
	3			4			
	4+			5			
18.	**Number of Transactions Processed Annually**	**3**				Max. 15	
	<500,000			1			
	500,000 - 1,500,000			2			
	1,500,000 - 3,000,000			3			
	3,000,000 - 5,000,000			4			
	>5,000,000			5			
19.	**Complexity of Application**	**2**				Max. 10	
	Simple			1			
	Many programs but little complexity			2			
	Medium complexity			3			
	Few programs but much complexity			4			
	Many complex programs or subsystems			5			
20.	**Output Distribution Risk**	**1**				Max. 5	
	Paper reporting only			1			
	Paper and electronic reporting only			2			
	Data is distributed over a network			3			
	Sensitive information distribution			4			
	Web distribution			5			
	Total risk score						(Max. 200)